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Dec 14, 1994

DERWENT-ACC-NO: 1995-015698
DERWENT-WEEK: 199503
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TITLE: New human phosphatidylethanolamine binding protein gene - used to develop prods. for diagnosis and treatment of diseases involving glia, neurons and other cells.

INVENTOR: NAITO, T; NAKADE, S

PATENT-ASSIGNEE:

ASSIGNEE

ONO PHARM CO LTD

CODE

ON OY

PRIORITY-DATA: 1993JP-0137042 (June 8, 1993)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
EP 628631 A1	December 14, 1994	E	017	C12N015/12
CA 2125008 A	December 9, 1994		000	C12N015/12
JP 07095893 A	April 11, 1995		011	C12N015/12

DESIGNATED-STATES: AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

CITED-DOCUMENTS: 03Jnl.Ref; EP 511816

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
EP 628631A1	May 30, 1994	1994EP-0108321	
CA 2125008A	June 2, 1994	1994CA-2125008	
JP07095893A	June 6, 1994	1994JP-0147202	

INT-CL (IPC): A61K 37/02; A61K 38/00; A61K 39/395; C07K 13/00; C12N 1/21; C12N 15/12; C12P 21/02; C12P 21/08; C12N 15/12 ; C12R 1/91

ABSTRACTED-PUB-NO: EP 628631A

BASIC-ABSTRACT:

(A) A polypeptide having the amino acid sequence shown in purified form, a homologue or fragment of the sequence or a homologue of a fragment are claimed. Also claimed are: (B) DNA encoding a polypeptide as in (A); (C) a replication and expression vector comprising DNA as in (B); (D) host cells transformed or transfected with a vector as in (C); (E) a monoclonal or polyclonal antibody to a polypeptide as in (A).

USE - The polypeptide (human phosphatidylethanolamine binding protein, hPEBP) can be used for the prevention of or in the treatment of aplasia or abnormal proliferation of glia, neurons or haematopoietic cells, depression or enhancement of immunological or neurological activity, inflammatory disease, tumours or diseases induced by abnormal lipid metabolism. The antibodies can be used for diagnosing diseases and investigations. The DNA can be used for the diagnosis of and in the treatment of gene diseases.

CHOSEN-DRAWING: Dwg.0/2

TITLE-TERMS: NEW HUMAN BIND PROTEIN GENE DEVELOP PRODUCT DIAGNOSE TREAT DISEASE NEURON
CELL

DERWENT-CLASS: B04 D16

CPI-CODES: B04-E02F; B04-E08; B04-G01; B04-G21; B04-G22; B11-C07A; B12-K04A; B14-C03; B14-G01; B14-H01;
B14-J01A1; D05-H09; D05-H11; D05-H12A; D05-H12E; D05-H14A1; D05-H17A6;

CHEMICAL-CODES:

Chemical Indexing M1 *01*

Fragmentation Code

M423 M710 M903 N135 P420 P446 P451 P633 P831 P943

Q233 V600 V611 V753 V754 V901

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C1995-007014